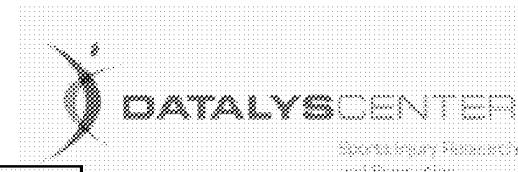


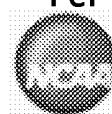
Exhibit 1



Concussions in NCAA from 2004-2009

	% of Injuries Competition	Median Days Out	Injury Frequency Rank	12 most common injury Rank	National 5-yr Estimate (concussion)	Comments
Football	6.6	6	4	2	16,277	more concussions than all other fall sports combined
W. Soccer	10.7	6	2	2	5,751	Mech. simliar to M. Soccer
M. Soccer	6.2	6	4	4	3,374	nealy 1/3 due to direct player contact while heading ball
W. Volleyball	3.9	6	7	4	1209	
W. Basketball	6.8	5	4	2	827	
W. Field Hockey	8.7	4	7	4	685	
M. Basketball	4.3	4	6	2	664	
Wrestling	4.5	8	5	4	256	
W. Ice Hockey	12.6	6	4	1	154	
W. Gymnastics	2.3	9	11	4	28	

**Sport 5-yr Concussion
Estimate** 29,225
Per year 2,923



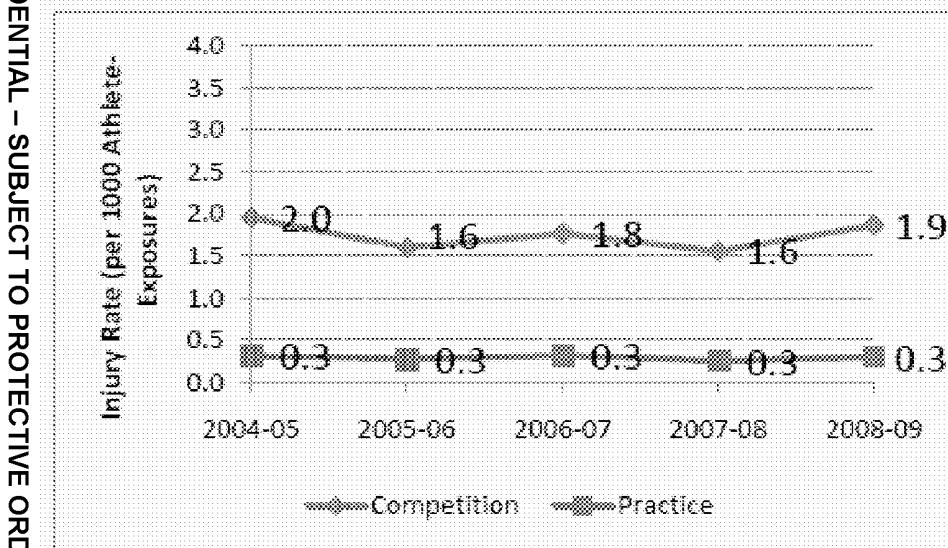


Figure 1. Concussion incidence, by year, in 5 fall sports.

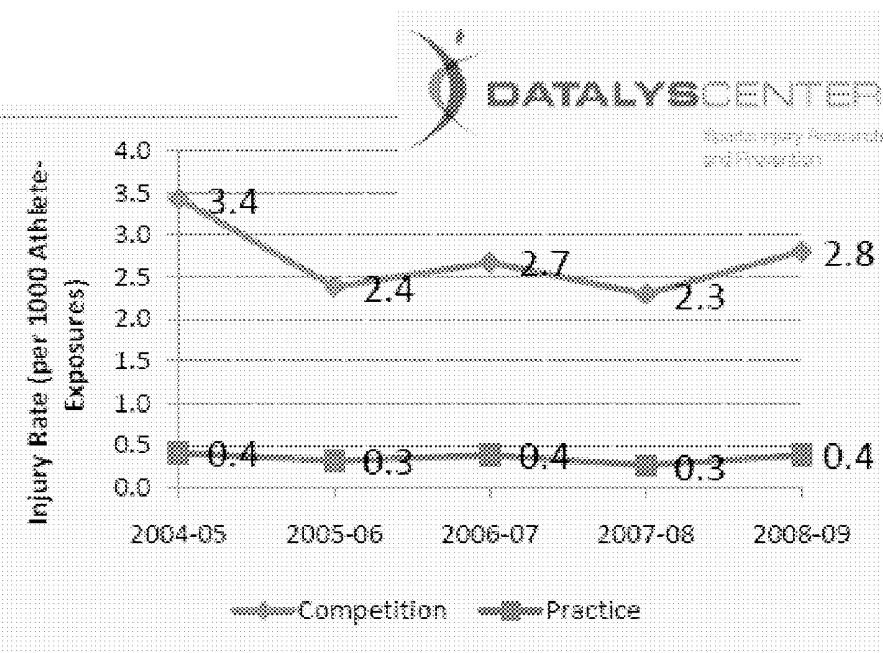


Figure 2. Concussion incidence, by year, in fall football.

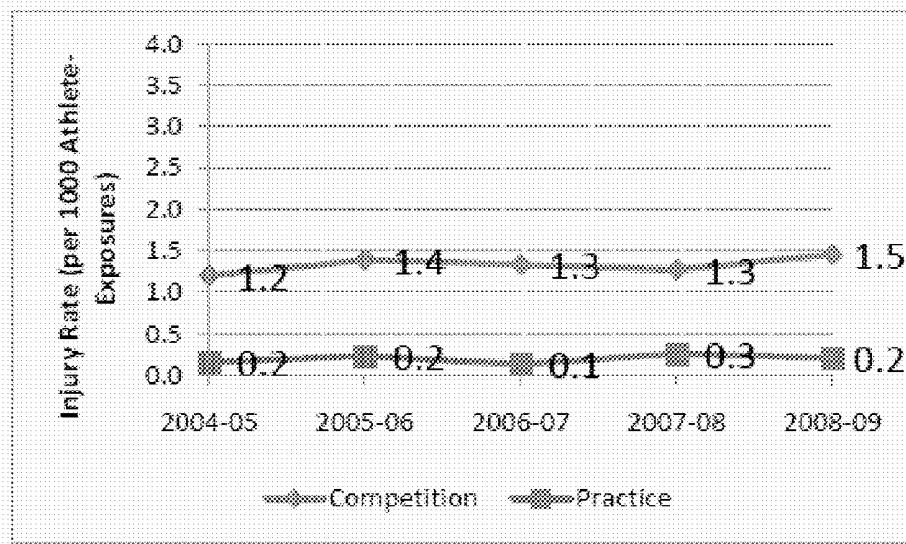


Figure 3. Concussion incidence, by year, in men's soccer.

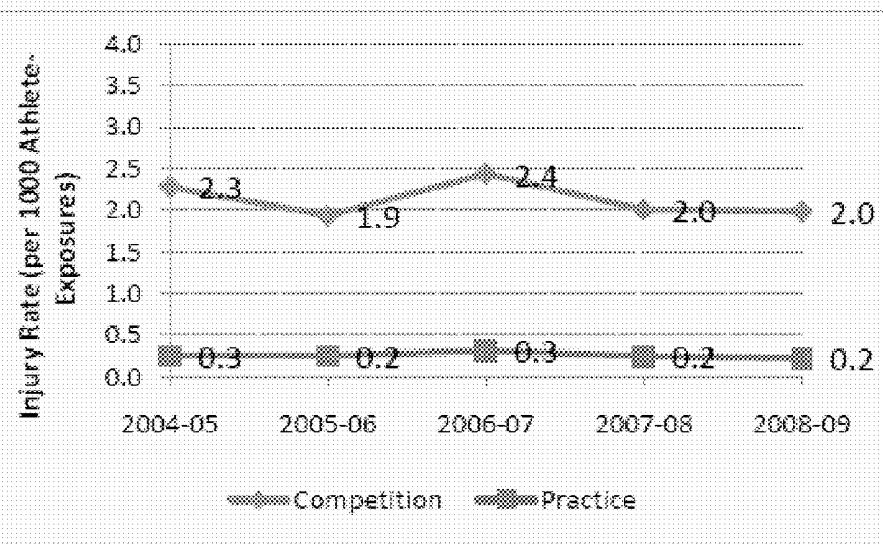


Figure 4. Concussion incidence, by year, in women's soccer.



DATALYSES.COM/INTER

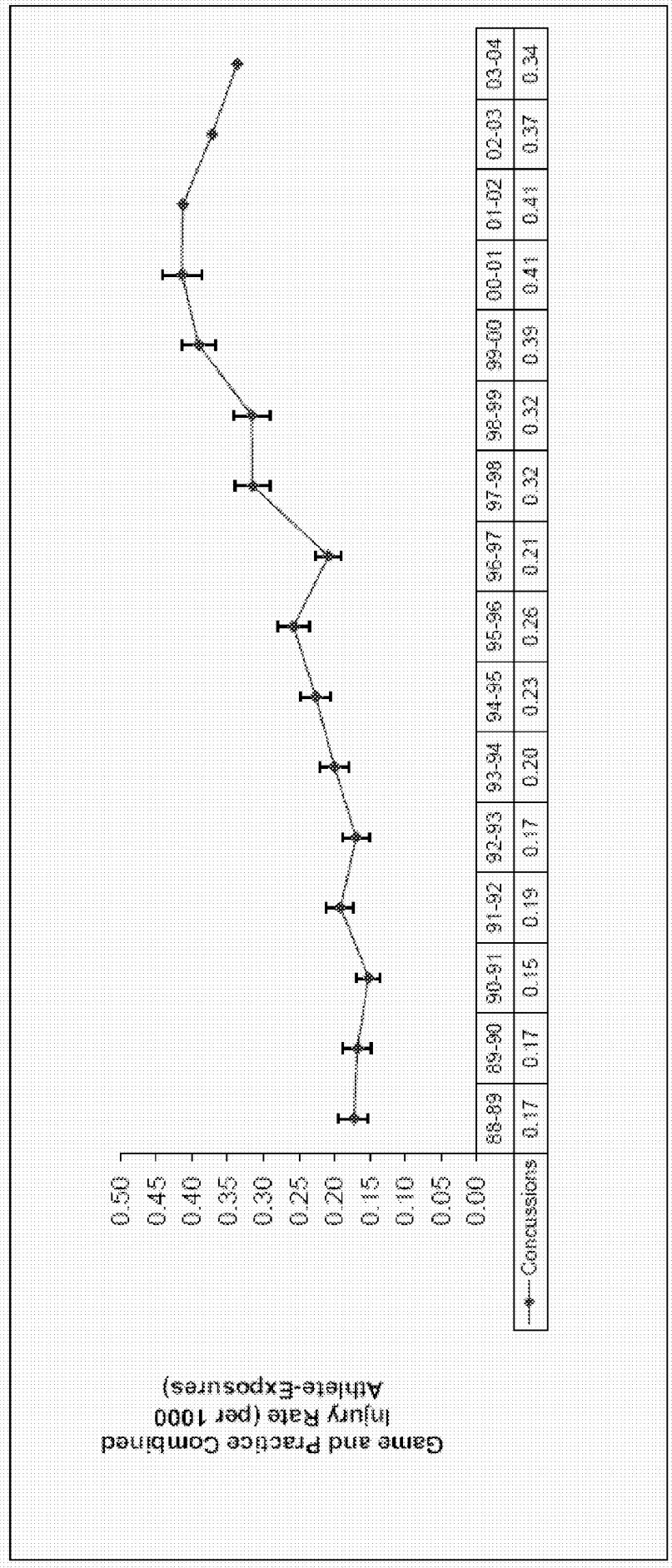
Sports Injury Research
and Prevention

Figure 5. Concussion incidence, by year, in US NCAA sports, 1988/89 to 2003/04 (published in Hootman et al. *J Athletic Train* 2007;42(2):308-14).



NCAA.org/health-safety